What is claimed is:

1	1. A photolithography processing system including:		
2	a table positioned near a loader, where a carrier is positioned, for		
3	supporting a wafer that is being transported by a robot;		
4	a plurality of illumination tools for illuminating a surface of the wafer		
5	positioned on the table;		
6	a camera for taking pictures of the surface of the wafer; and		
7	a controller for controlling operations of the robot, the plurality of		
8	illumination tools and the camera and for detecting the presence of impure		
9	matters on the surface of the wafer.		
1	2. The photolithography processing system as claimed in claim 1,		
2	wherein the plurality of illumination tools are singular or plural lasers,		
3	ultraviolet lamps, or a combination of the two.		
1	3. The photolithography processing system as claimed in claim 1,		
2	wherein the camera is made of a charge-coupled device.		
1	4. The photolithography processing system as claimed in claim 1,		
2	wherein the plurality of illumination tools comprise:		
3	a plurality of first illumination tools positioned laterally at different		
4	heights to illuminate the surface of the wafer at various predetermined angles		
5	of incidence; and		
8	a second illumination tool to illuminate the surface of the wafer		

vertically from above the wafer on the table.

7

1	5.	The photolithography processing system as claimed in claim 4,
2	wherein the p	olurality of first illumination tools are positioned to have an angle
3	of incidence	greater than 0° and less than approximately 70°.

- 6. The photolithography processing system as claimed in claim 4, further comprising a half-mirror positioned between the camera and the wafer and apart from the angle of incidence of the plurality of first illumination tools, wherein the second illumination tool is positioned to illuminate the surface of the wafer through the half-mirror.
- 7. The photolithography processing system as claimed in claim 4, wherein the second illumination tool is positioned around the camera.
- 8. The photolithography processing system as claimed in claim 7, wherein the second illumination tool is a plurality of second illumination tools.
- 9. The photolithography processing system as claimed in claim 1, wherein the controller controls luminous intensity and angle of incidence according to an illumination control signal.
- 10. The photolithography processing system as claimed in claim 9, wherein the first illumination tools and the second illumination tools comprise:

the first illumination tools positioned on both sides of the table to allow various changes in height for illuminating at an angle of incidence; and the second illumination tool vertically illuminating the surface of the wafer from the top of the table.

11. The photolithography processing system as claimed inclaim 10, the controller further comprising:

elevating means to slide up or down the first illumination tools in response to an applied illumination control signal; and

a luminous intensity unit to control luminous intensity by varying a value of a resistance connected in series with the power source that is connected to the first and second illumination tools in response to other applied illumination control signals.

- 12. The photolithography processing system as claimed in claim 10, wherein the plurality of first illumination tools are positioned to have an angle of incidence greater than 0° and less than approximately 70°.
- 13. The system as claimed in claim 1, wherein the table is able to rotate in response to the control signals from the controller to thereby rotate the position of the wafer in response to angles of incidence of the first and second illumination tools.

1	14. The system as claimed in claim 1, wherein the table is		
2 installed to allow lateral or longitudinal motion.			
1	15. A method of a photolithography processing system		
2	comprising:		
3	illuminating a surface of a wafer with first and second illuminating		
4	tools;		
5	taking pictures of the surface of the wafer with a camera while the		
6	surface of the wafer is being illuminated;		
7	receiving a signal from the camera in a controller;		
8	detecting a presence of particles on the surface of the wafer with the		
9	controller; and		
10	transporting the wafer to the process-performing or cleaning position		
11	according to whether particles are detected on the surface of the wafer.		
1	16. The method of a photolithography processing system as		
2	claimed in claim 15, wherein the illuminating of the surface of the wafer		
3	comprises:		
4	positioning a plurality of first illumination tools at varying lateral heights		
5	relative to the table to illuminate the surface of the wafer at predetermined		
6	angles of incidence; and		
7	positioning the second illumination tool to illuminate the surface of the		
8	wafer vertically from above the wafer on the table.		

1	17. The method of a photolithography processing system as
2	claimed in claim 15, wherein the taking of pictures of the surface of the wafer
3	comprises:
4	obtaining a first image while the first illumination tools are maintained
5	in an 'on' position and the second illumination tool is maintained in an 'off'
6	position;
7	obtaining a second image while the first illumination tools are
8	maintained in an 'off' position and the second illumination tool is maintained
9	in an 'on' position; and
10	forming a multi-dimensional image by combining the first and second
11	images.